

Abstract

In a communication system in which both a communication device that does not operate intermittently and a communication device that operates intermittently are present, high-speed communications between the communication devices are enabled while achieving power saving in the communication device that operates intermittently.

A transmission processing portion 102 that transmits various kinds of data, a timer portion 107 that counts a continuous operation request effective time during which transmitted data is always received, a transmission control portion 104 that controls the transmission processing portion 102 to transmit data in which is set a continuous operation request flag causing the timer portion 107 in a communication device 11 that operates intermittently to start counting the continuous operation request effective time while starting its own timer portion 107 to count the continuous operation request effective time, a reception processing portion 101, and a reception control portion 103 that controls the reception processing portion 101, are provided. Upon receipt of the data in which the continuous operation request flag is set at its own reception processing portion 101, the reception control portion 103 in the communication device 11 that operates intermittently controls its own timer portion 107 to start counting the continuous operation request effective time.